

Ideas for homes
of beauty with Cedar
Shingles and Cedar Shakes



presenting the
**Certigrade
Idea Book**

To Help You Choose Plans

A WAY TO OBTAIN BLUEPRINTS

Although it is not the function of the Red Cedar Shingle Bureau to offer or sell blueprints, you will find that each of the house plans illustrated in this book is readily available to you through your own retail lumber dealer. Should you care to pattern your home after any of the styles shown in the following pages, your dealer can obtain the working blueprints and materials lists direct from National Plan Service, Inc., Chicago. Your lumber dealer is the man to see, when you decide to build.



For a charming exterior, nothing compares with a roof of cedar shingles and walls of modern cedar shingles or shakes



To Help You Remodel

A WAY TO GENUINE MODERNIZATION



This booklet can help you solve the perplexing problem of modernizing your old home. With the use of cedar shingles for your new roof, and cedar shakes or shingles to cover outmoded exterior walls, you will find that you can completely change the appearance of your house. The addition of new shake walls, right over nearly any type of material you may now have, will make your home as lovely as the newest home in your community.

To Help You Build

A WAY TO BUILD WITH BEAUTY

The modern method of building walls with cedar shingles or shakes is known as "double-coursing." It permits you to have wide, graceful rows of cedar shales or shingles comparable to the finest siding obtainable, yet its cost is well within your budget. Home owners, architects and professional builders everywhere are acclaiming this excellent method of wall construction.



Notice the graceful shadow lines cast by the double thick rows of lifetime cedar shingles

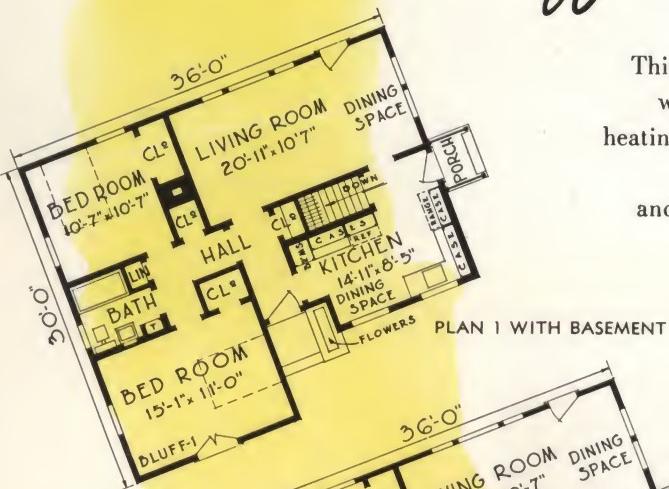


Walls of cedar shingles or shakes blend well with other quality materials



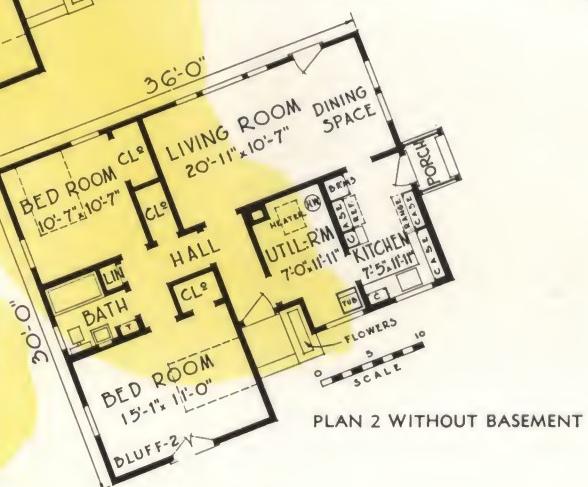
the Bluff

- FOUR ROOMS • SMALL SIZE
- MODERN BUNGALOW TYPE
- DINING SPACE IN KITCHEN



This home design is available with or without basement. Plan 2 without basement incorporates a utility room for laundry and heating facilities. This type of home is popularly called a "garden home," for the living room is at the rear facing the garden, and the kitchen is at the front facing the street. Ample kitchen facilities are afforded, but in addition, Plan 1 provides for a dining space as well. The exterior construction of this modern type home is entirely of cedar.

The Certigrade cedar shingle roof is stained to compliment the cedar shingle walls.



Complete blueprints available from your lumber dealer through National Plan Service, Inc. Chicago

DATA

Cubic Feet: Plan 1—House 17,886, Plan 2—House 12,111
 Square Feet: Plan 1 and 2—Living Area 942
 Ceiling Height: 8'0", Basement Plan 1—7'0"

the Bosworth

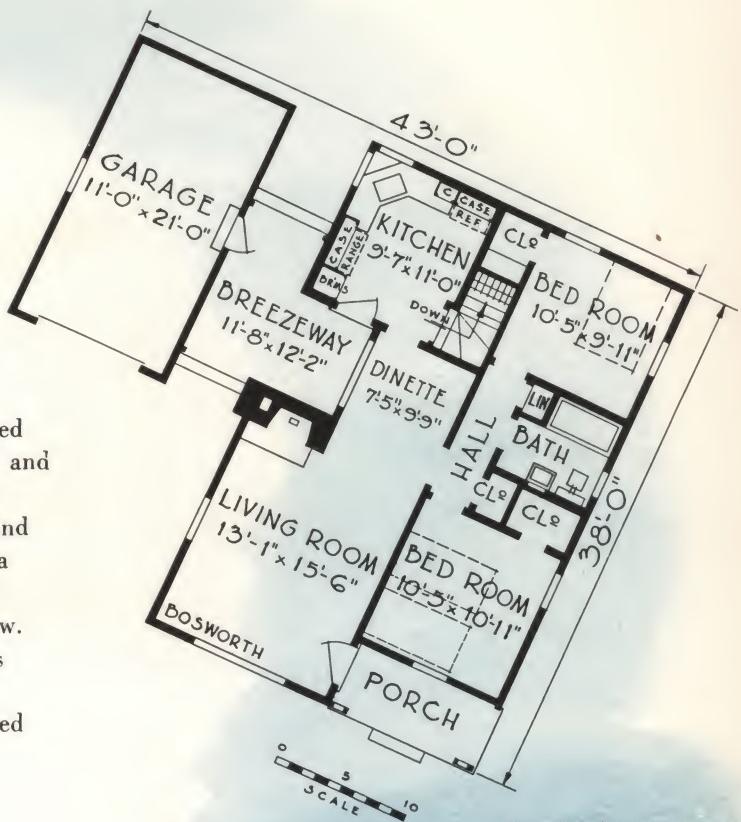
- FOUR ROOMS • DINING SPACE
- WESTERN BUNGALOW DESIGN
- NATURAL FIREPLACE
- PICTURE WINDOWS

The modern, pleasing cedar shingle hip roof is featured in this bungalow design and another very attractive and eye compelling item is the massive chimney. This is the outlet for the natural fireplace in the living room and its location is such that it dominates the living area yet does not break up the ample wall space. Note the ventilator which is also provided under the picture window.

The breezeway which is shown in the floor plan adds considerably to the spaciousness of the house, but it may be eliminated if a smaller width is desired for a narrow lot. The exterior wall is of frame construction with double course cedar shakes.

DATA

Cubic Feet: House 16,207, Porch and Breezeway 773, Garage 2,574
Square Feet: Living Area 853, Porch and Breezeway 169, Garage 264
Ceiling Height: 8'0", Basement 7'0"



Complete blueprints
are available
from your
lumber dealer

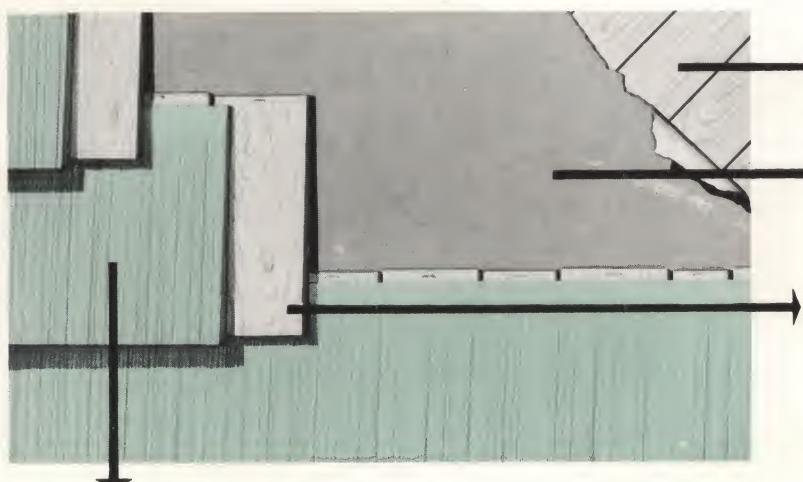


the



The Jackson

EXTERIOR WALLS ARE "DOUBLE-COURSED" CEDAR SHINGLES OR SHAKES



SHEATHING can be either solid or spaced, optional with the builder depending upon the climatic conditions in your community.

BUILDING PAPER is recommended. A good grade of rosin-sized building paper over solid sheathing or *under* the spaced sheathing will reduce heat transmission through the wall to a minimum.

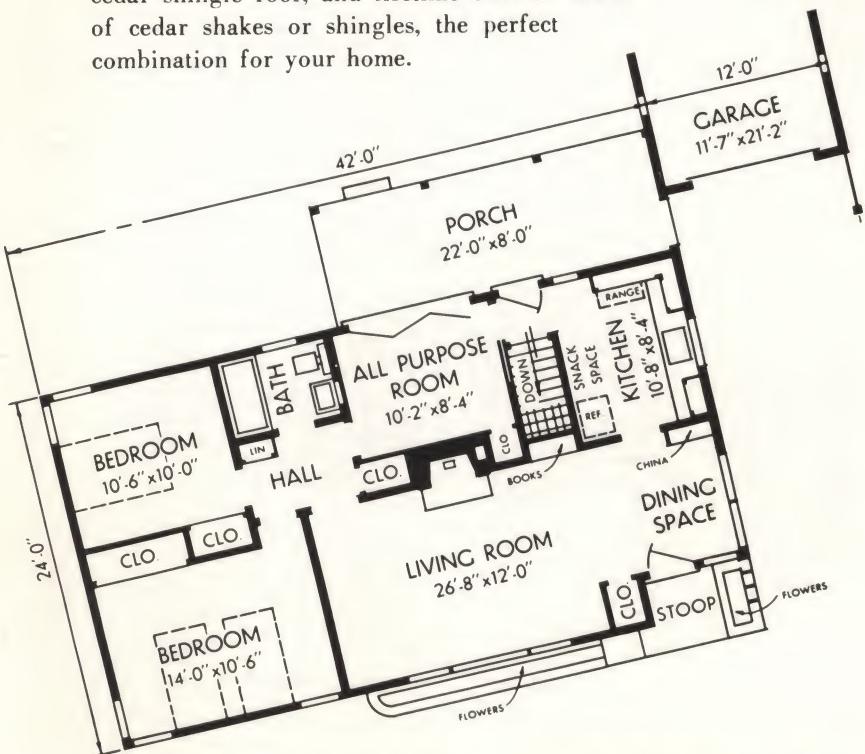
UNDER-COURsing shingles are used to increase the insulation value of the walls and to double the thickness of each "course" of shingles. As the under-coursing is completely concealed on the finished wall, a very low grade shingle can be used with full effect, and at great economy.

CEDAR SHAKES or top-grade shingles are applied over the under-coursing shingles. No space is allowed between adjacent shakes, as edges are parallel and fit tightly together. Vertical lines between shakes blend in with the vertical combed texture.

Certigrade Quartet

4 LOVELY HOMES FROM ONE BASIC PLAN

Everybody's talking about "expandable homes," but here is a floor plan that gives you a choice of four different exterior styles, and the home is expandable two ways. The "all purpose" room can be used for any number of purposes, including that of a nursery room. Later, if additional bedroom space is desired, the back porch area can be utilized for such expansion. Here is plenty of room for growing families, and plenty of value for each building dollar. The guarantee of value is the carefully selected material that gives maximum service, with minimum upkeep cost over the years . . . genuine cedar shingle roof, and lifetime exterior walls of cedar shakes or shingles, the perfect combination for your home.



The Jefferson

... Illustrates the artful roof construction you can obtain with red cedar shingles



The Hamilton

... is a modification of the Cape Cod style, traditional favorite of young American couples



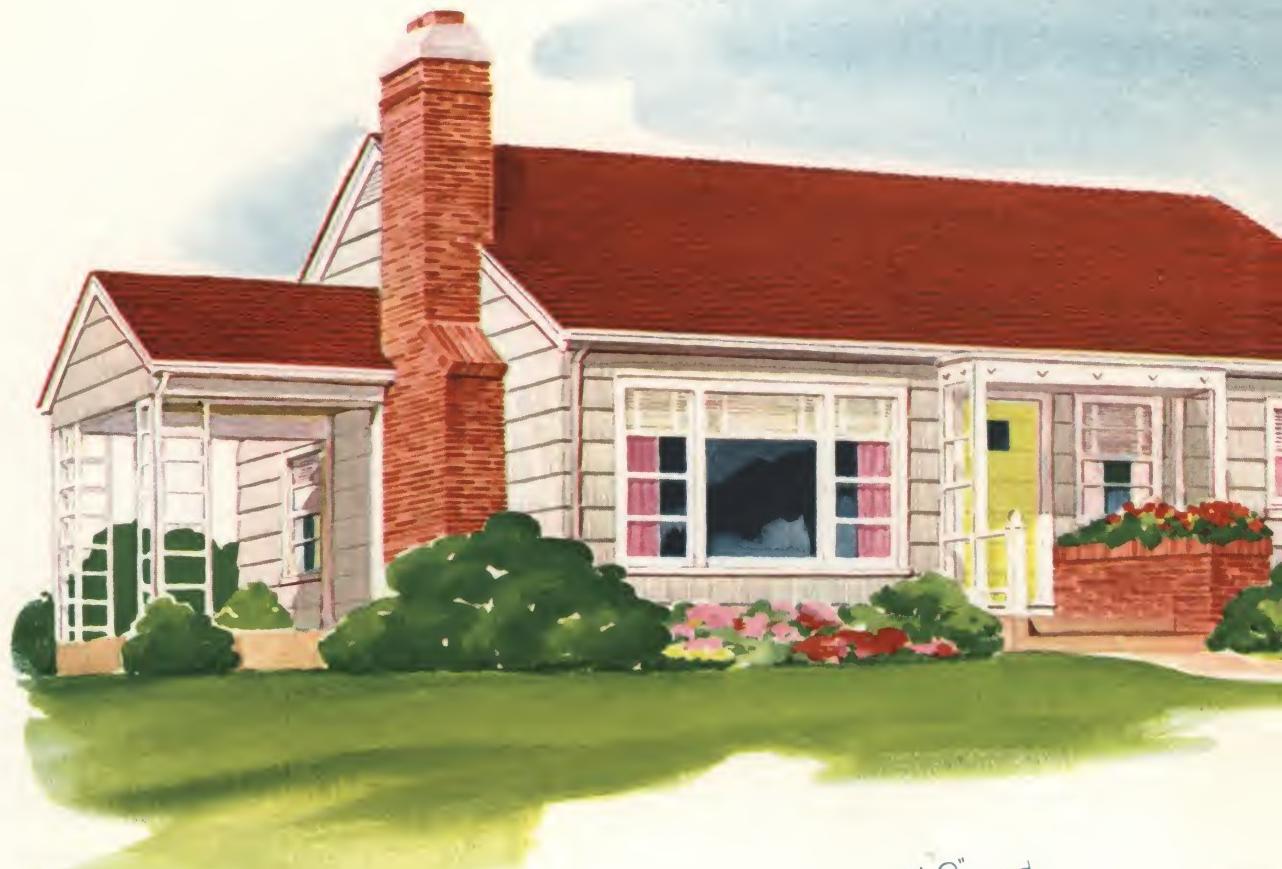
The Washington

... has the ever-popular "hip-roof" for communities where Colonial dignity is most fitting

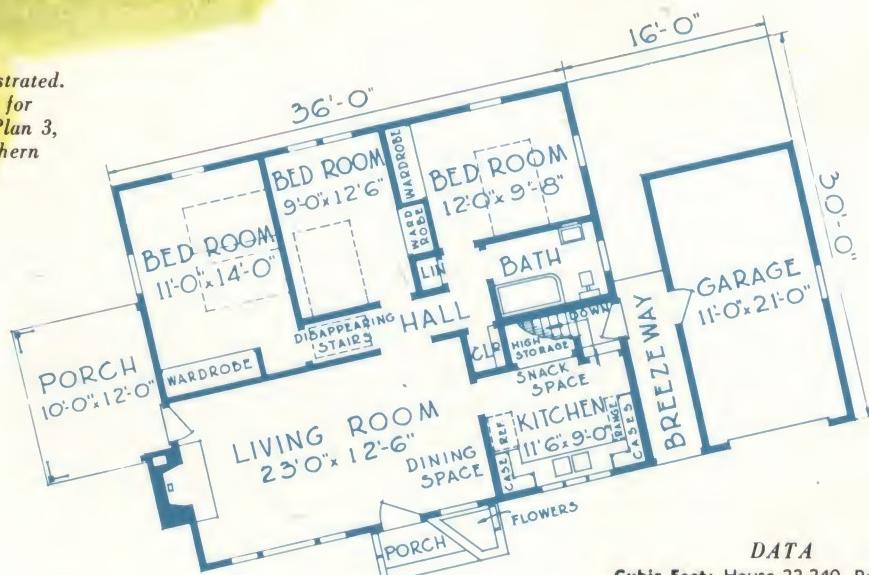
BUILDING BLUEPRINTS

Your lumber dealer can obtain all of the necessary building blueprints for your "Quartet" Home from the National Plan Service, Inc., Chicago

LOW IN COST . . . HIGH IN COMFORT AND CONVENIENCE



*Plan 1, with basement is illustrated.
Plan 2, without basement for
southern construction, and Plan 3,
without basement for northern
construction, also are
available*

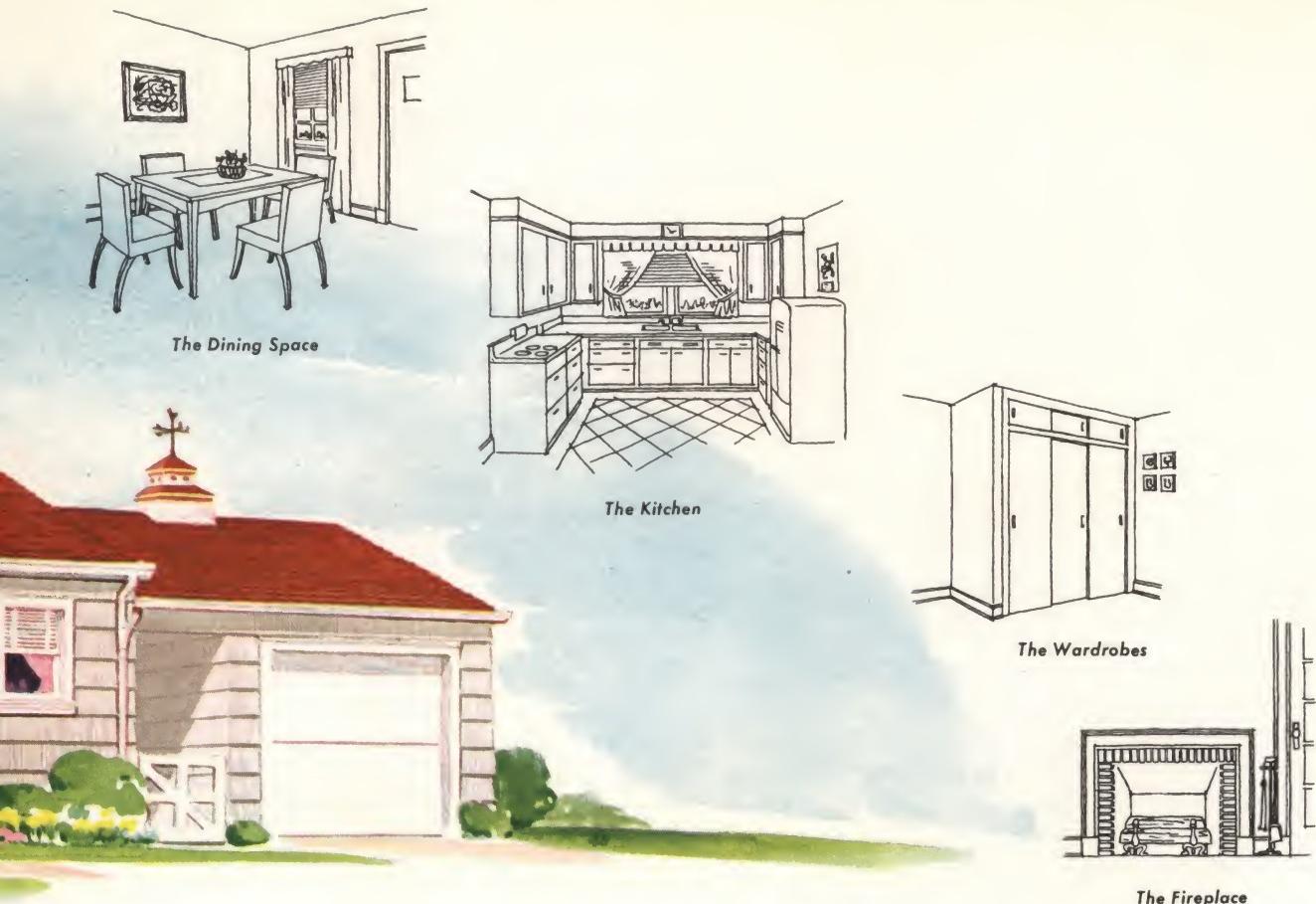


DATA

Cubic Feet: House 22,240, Porch 660, Breezeway and Garage 3,194

Square Feet: Living Area 1,080, Porch Area 120, Breezeway and Garage Area 322

Ceiling Height: 8'0", Basement 7'0"



Certigrade National Home

- Featuring the use of cedar shingles on the roof and cedar shake sidewalls, this home is a truly representative example of modern home construction in the moderate cost home field. The efficiency of the floor plan is apparent in the full utilization of every inch of space available and the spaciousness that is effected by the large living room with its dining space, the efficient kitchen and snack space, as well as the three bedrooms, one of which is 11'x14'.
- Many other features and facilities are well

worth your attention. The large complete bathroom . . . disappearing stair to the attic . . . the ample attic storage space . . . the full basement . . . open porch at side accessible from living room. The semi-detached, one car garage is connected to the main house by the breezeway which accentuates the wide rambling effect of the entire structure. The service entry is at ground level. There is a fireplace in the living room and the stationary picture window has two side windows that open for ventilation.

TO HELP YOU BUILD WITH CEDAR SHINGLES AND CEDAR SHAKES

For your new Home or to Modernize

USE THIS WONDERFUL APPLICATION

The illustration below will show you why the modern "double coursing" method of building walls is best for your home. Notice that each row of quality shakes or shingles is backed up by a hidden row of low-cost cedar shingles. This extra layer of insulating cedar prevents heat transmission in summer and winter alike, keeps your home snug and comfortable, lowers your fuel costs considerably.

Double course application is virtually the same for your new home or for modernizing your old residence walls. The wood, stucco, or composition you may wish to conceal is left in place, and the cedar shingles or shakes are put on right over the

old material. It is easy to see how this *extra* thickness adds to the strength, as well as the insulation value of the walls.

Beauty is, of course, the greatest advantage of building or modernizing with this splendid material. It is primarily a "new" construction product, and for that reason it is obviously superior for your remodeling if you want your changed home to look truly new again.

And the cost? Ask your retail lumber dealer for a quotation. You will be pleasantly surprised to find that double coursing is a sound investment cost-wise, too.

[1] Double application. [2] Low cost "under-course" cedar shingles. [3] Wide weather exposure. [4] Outmoded previous wall. [5] Secure nailing.

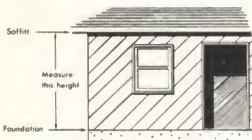
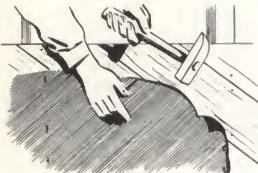


Application of Double-Coursed Walls

with

Certigrade

Red Cedar Shingles or Shakes



1 When solid sheathing is used, lay unsaturated building paper over the sheathing. A stapling hammer will save time. Paper requires no nails. See No. 5 if spaced sheathing is used.

2 Determine the exposure of courses by measuring the height of the dominant wall (usually the front) of the home from the soffit to a point 2" below the top of the cement foundation, and divide that height into equal parts—as nearly as possible to 12" courses for 16" shakes, or 14" courses for 18" shakes. You may wish to modify the exposures slightly so as to have them line up with windows and door frames.

3 Lay out courses on a long stick commonly called the "story pole." Courses can vary slightly in exposure so as to line up with bottom and top of principal windows and under eaves.

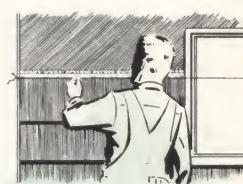
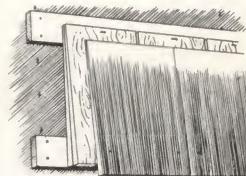
4 Transfer marks from the "story pole" to all corners of the house and on window casings, making certain that you have your bottom marks clearly visible on the cement foundation.

5 When open sheathing is used, apply paper over studs, then transfer "story pole" marks to the paper and apply 1"x4" nailing strips so that the course lines fall 2" below strip centers. Double-courses are applied over the strips.

6 Bottom course is laid with two under-coursings and one outer-course. This triple-coursing eliminates costly drip cap, makes the bottom course as thick as the succeeding courses.

7 Select a good straight-edge, shiplap or 1"x4", and lightly tack along a chalked line snapped between bottom "story pole" marks. Lay under-course shingles on upper lip of straight-edge, and fasten with a single nail or staple anywhere near top. Space undercoursing shingles approximately $\frac{1}{8}$ " apart.

8 Outer course of shingles or shakes is then applied, laid tight, without spacing. As each double-course is laid, stretch a chalked string from opposite corner marks to indicate the level for the next course of shakes and to locate the new position of the straight-edge.

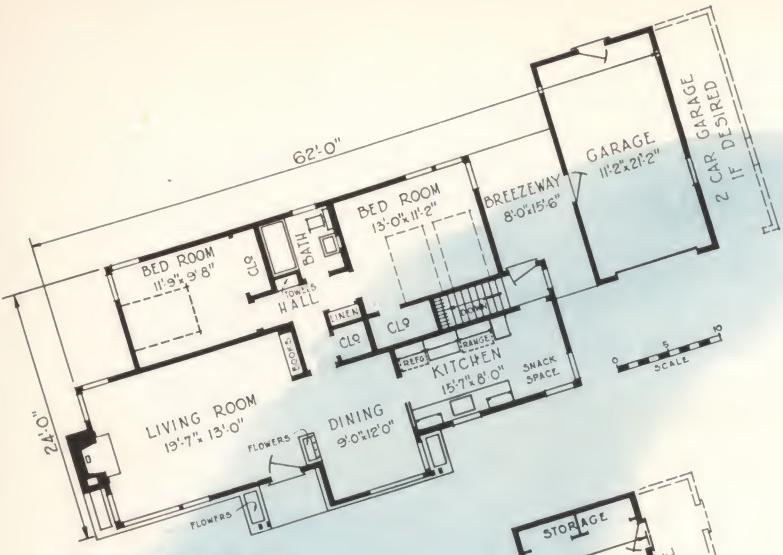


Nails... A FACTOR OF GREAT IMPORTANCE

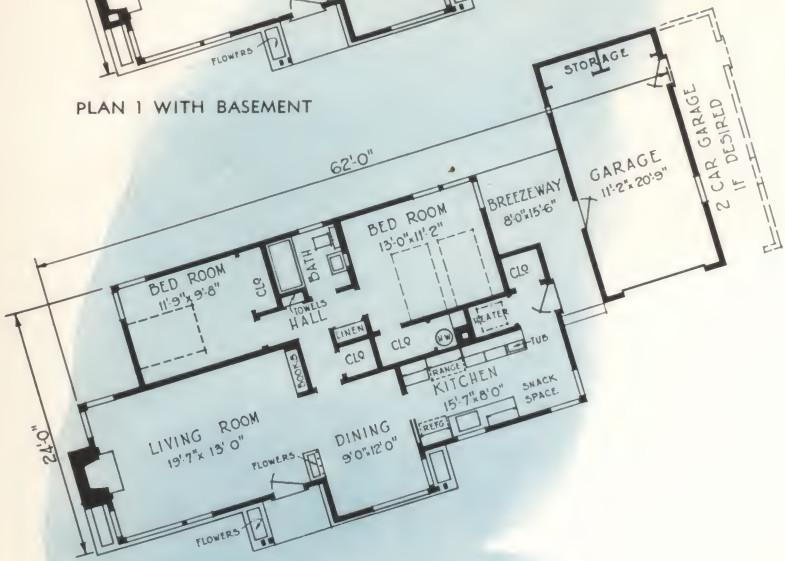
Only rust-resistant nails should be used in applying Certigrade shingles or shakes if the extreme long-life inherent in these quality products is to be fully realized. The nails may be of round wire or square cut—this makes virtually no difference if they are heavily coated with a rust-proof metal, such as zinc, or are of aluminum alloy.

Nails recommended for applying 16-inch or 18-inch Certigrade shingles on new roof construction

are 3-penny, 1 $\frac{1}{4}$ " long, No. 14 $\frac{1}{2}$ gauge. For nailing 24-inch shingles on new roofs, use 4-penny nails, 1 $\frac{1}{2}$ " long, No. 14 gauge. For applying 16-inch or 18-inch shingles in over-roofing, use 5-penny nails, 1 $\frac{3}{4}$ " long, No. 14 gauge. For over-roofing with 24-inch shingles, use 6-penny nails, 2" long, No. 13 gauge. For applying shingles and shakes on double-coursed walls, use small-headed 5-penny nails, 1 $\frac{3}{4}$ " long.



PLAN 1 WITH BASEMENT



PLAN 2 WITHOUT BASEMENT

the Clift

This is a typical ranch style home with its attractive cedar shingle hip roof, breezeway and attached garage. In addition to the full dining room there is a convenient snack space in the kitchen with a cheerful corner window arrangement. Cedar shakes, vertical siding and brick are combined in the exterior. The garage can easily be extended for two cars if lot width permits.

DATA

Square Feet: Living Area, Plan 1-1038, Plan 2-1052; Porch Area, Plan 1-108, Plan 2-94; Garage Area, Plan 1-264, Plan 2-288

Cubic Feet: House, Plan 1-19,233, Plan 2-13,160; Porch, Plan 1-567, Plan 2-493; Garage, Plan 1-2772, Plan 2-3024

*Complete blueprints
are available
from your lumber dealer*





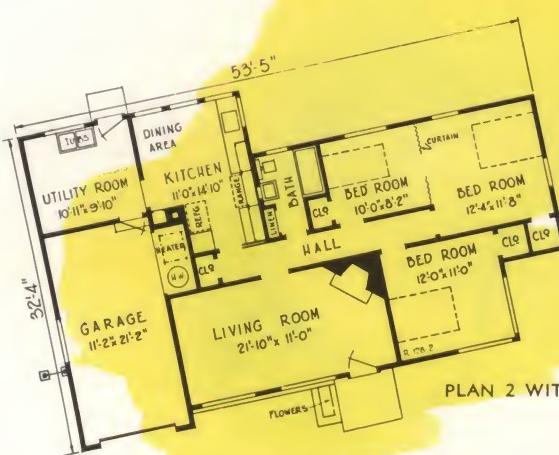
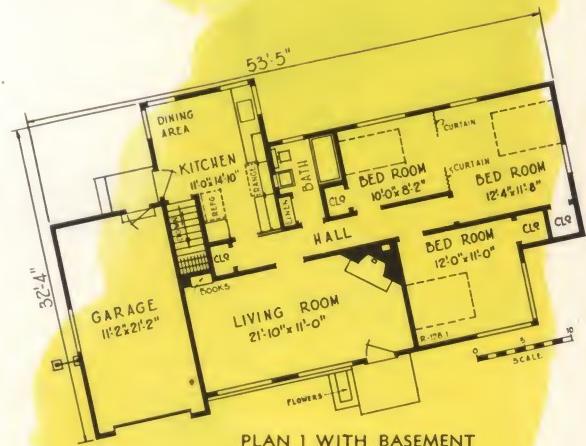
the Viewmont

This modern five-room ranch home has a very interesting interior arrangement. The natural corner fireplace and two large window units provide an unusually attractive living room, and the hall leads to any of the rooms without making it necessary to pass through the living room. There are actually three bedrooms, but the curtain wall on the smallest makes easy access possible and thus is ideal for a baby's or small child's bedroom. Notice how cedar shingles adapt themselves to the roofs and walls of the ranch style home. You'll find no other roof or wall material that is so versatile, so right for your home.

DATA

Square Feet: Living Area, Plan 1-1026,
Plan 2-1141;
Garage, Plan 1 or 2-253

Cubic Feet: Plan 1-21,631,
Plan 2-17,228



Complete blueprints
available from
your lumber dealer
through National
Plan Service, Inc.
Chicago

Choose Cedar Shingles or Cedar Shakes

for the walls of your home

The giant cedar trees of the northwest have provided the *quality* roof and wall material for American homes since pioneer days. Cedar's resistance to weather, natural insulating qualities, and *real wood* beauty cannot be duplicated. In recent years, there has been a growing demand for shingles with the popular vertical grooving added. These machine-grooved shingles are known as "shakes" because their surfaces are fluted.

Shingles

Sawn from cedar blocks, Certigrade shingles provide roofs and walls with valuable natural insulation. They are long-lasting, adaptable to many architectural styles, easy to maintain at minimum cost

Shakes

These are cedar shingles with vertical grooving added. They are applied to walls in continuous rows, with wide and graceful weather exposures

Factory Colored

Cedar shales, as well as many of the cedar shingles, are pre-colored by the manufacturers to save you the trouble of color application after building your walls

**Cedar Shakes are
machine-grooved
Cedar Shingles**

Certigrade red cedar shingles are re-manufactured so that the two sides are accurately parallel, and the bottom edge truly square. Then the surfaces are striated by machine.

**As Modern as your
Heart desires**

Wide horizontal rows of colorful cedar shales are perfectly designed for the latest architectural styles, yet they have the traditional charm of real wood.

Make your choice of wall material and color at the same time. See colorful cedar shales at your lumber dealer's show room. Ask for a cost comparison with other types of construction.

**outstanding for the
exterior walls of
your home**

Reasons Why

You'll be proud of your Cedar Shingle and Cedar Shake Home



Beauty

Nothing compares with the natural beauty of cedar to give your home a lasting look of gracious charm.

Economy

You'll pay less, year after year, to keep your cedar shingle home looking new; and the original cost is well within your budget.

Insulation

Cedar shingles are made of one of nature's most insulative woods. Millions of microscopic cells in each shingle retard heat transmission.

Roof Strength

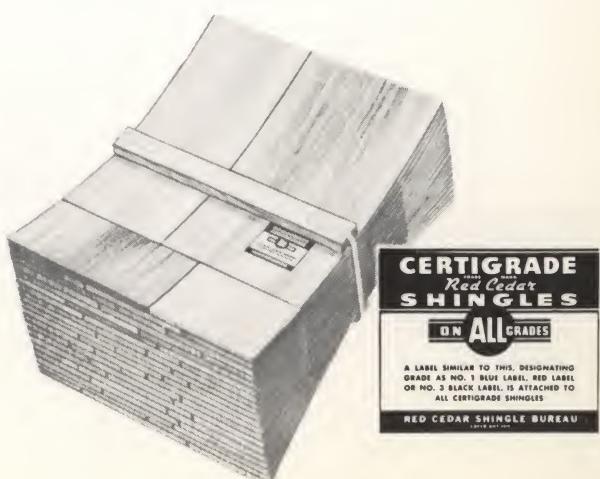
Cedar shingle roofs will withstand the force of windstorms better than other types of roofing. Cedar shingles are the only type of material that adds strength to the roof.

Color

Cedar shingles absorb and hold roof stain wonderfully well. And, unlike many other types of roofing, they can be re-stained when a change of color is desired.

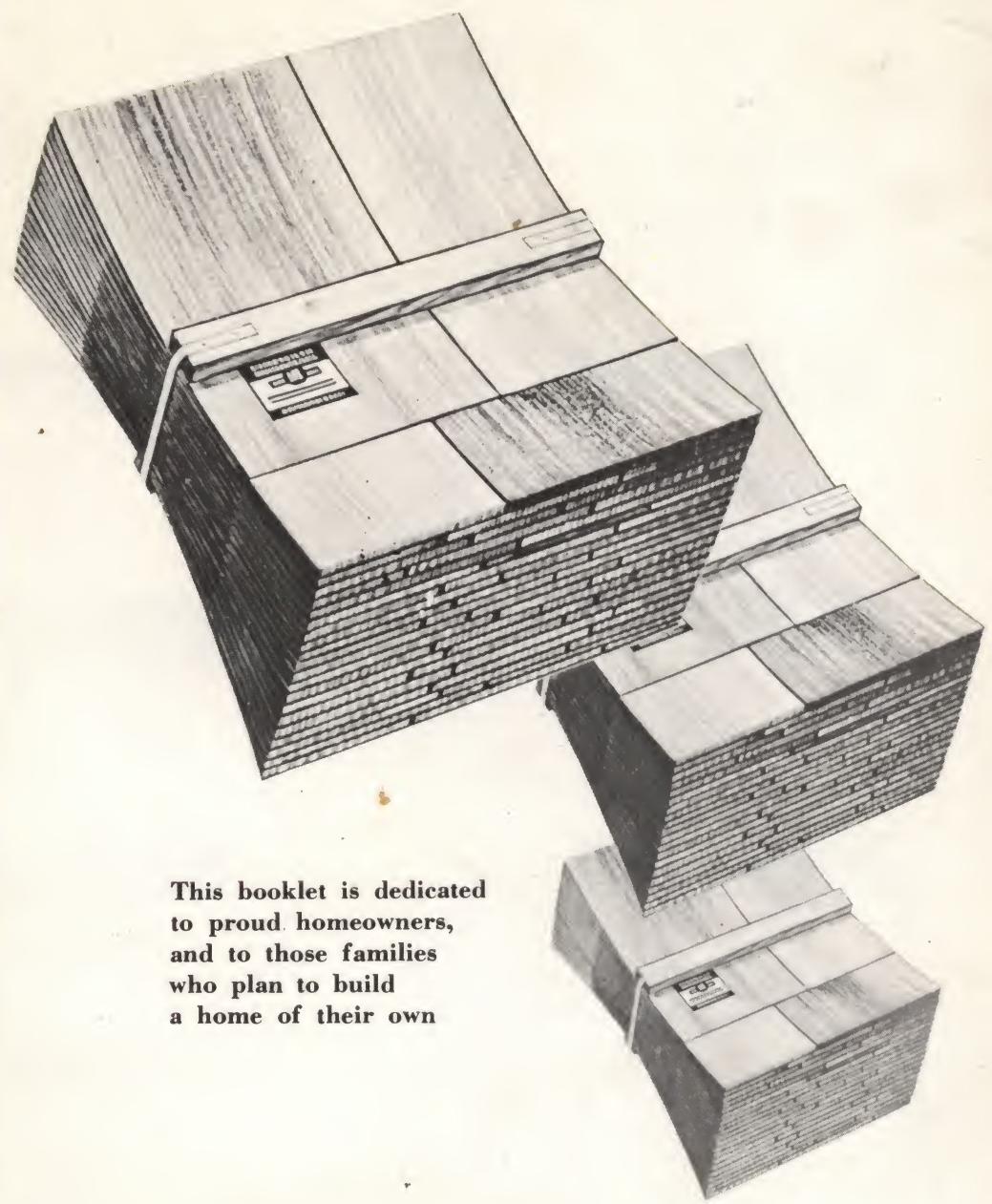
Minimum Care

Other than your own desire for an occasional change of color for the exterior of your home, you can count on a lifetime of carefree comfort when you build with cedar shingles and shakes.



Where to go to find out more about building with **Certigrade Shingles**

The retail lumber dealer in your community is your friend indeed when you have further questions about building. He can give you information on all of your building problems. See him for blueprints of the homes in this booklet.



This booklet is dedicated
to proud homeowners,
and to those families
who plan to build
a home of their own

RED CEDAR SHINGLE BUREAU

5510 WHITE BUILDING • SEATTLE, WASHINGTON
METROPOLITAN BUILDING • VANCOUVER, B.C.

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Mike Jackson, FAIA